

## **FISCAL NOTE**

### **HB 2894 – SB 3323**

February 16, 2006

**SUMMARY OF BILL:** Urges the Department of Transportation (TDOT) to erect sound barriers on I-40 eastward from exit 221 to the Metropolitan Nashville and Davidson County – Wilson County boundary.

### **ESTIMATED FISCAL IMPACT:**

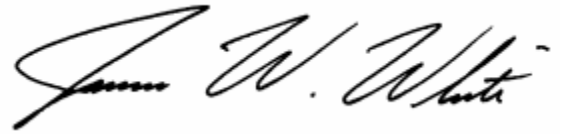
**Increase State Expenditures – Between \$7,920,000 and \$9,900,000 – One Time (Dependent upon material used) – Highway Fund**

#### Assumptions:

- Exit 221 on I-40 is the Old Hickory Boulevard (SR45) exit.
- The section of I-40 identified is approximated to be a distance of 2.5 miles.
- Sound barrier walls are typically 15 feet tall.
- Two types of sound barrier material exist: Reflective and Absorptive.
- Erecting *reflective* sound barrier material costs \$20 per square foot.
- Erecting *absorptive* sound barrier material costs \$25 per square foot.
- Approximately 396,000 square feet of material would be required (2.5 miles X 5,280 feet per mile X 15 feet height X 2 [east and west] = 396,000 square feet).
- The cost to erect the *reflective* material is estimated at \$7,920,000 (\$20 X 396,000 = \$7,920,000).
- The cost to erect the *absorptive* material is estimated at \$9,900,000 (\$25 X 396,000 = \$9,900,000).
- Increased state expenditures are estimated to be between \$7,920,000 (reflective) and \$9,900,000 (absorptive).

### **CERTIFICATION:**

This is to duly certify that the information contained herein is true and correct to the best of my knowledge.

A handwritten signature in black ink, reading "James W. White". The signature is written in a cursive style with a large, stylized "J" and "W".

James W. White, Executive Director